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Release of lipoprotein lipase from cardiac myocytes by low-molecular weight heparin

JEA Braun, DL Severson - *Lipids*, 1993 - Springer

... for the release of **LPL** from cardiac ... cells (2). Conventional (unfractionated) **heparin** is a heterogeneous polymer of repeating **disaccharide** sequence with ...

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[PDF] • Effect of very low molecular weight heparin-derived oligosaccharides on lipoprotein lipase release ...

ZM Merchant, EE Erbe, WP Eddy, D Patel, RJ ... - *Atherosclerosis*, 1986 - www-heparin.rpi.edu

... saline or **heparin-de-**rived **disaccharide** were administered ... 1 experiment for the high lipase-affinity **heparin**. fied bovine **LPL** was observed when either **heparin** ...

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... studies and" in vivo" and" in vitro" pharmacological activities of heparin fractions and fragments ...

P Bianchini, B Osima, B Parma, CP Dietrich, HK ... - *Thromb Res*, 1985 - ncbi.nlm.nih.gov

... The **LPL** releasing activity is also low in the fragments as ... and ascorbate/H₂O₂ oxidation were rich in trisulfated **disaccharide** units whereas **heparin** and FM ...

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Isolation and Characterization of Low Sulfated Heparan Sulfate Sequences with Affinity for ... - • jbc.org (HTML)

D Spillmann, A Lookene, G Olivecrona - *Journal of Biological Chemistry*, 2006 - ASBMB

... indicating that not only **heparin** and **heparin**-like highly ... than 1.5 sulfate groups per **disaccharide**, and HS chains are effective competitors for **LPL** binding to ...

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Oligosaccharide sequences of endothelial cell surface heparan sulfate proteoglycan with affinity for ... - • jbc.org (PDF)

N Parthasarathy, IJ Goldberg, P Sivaram, B Mulloy, ... - *Journal of Biological Chemistry*, 1994 - ASBMB

... or strengthened by other **heparin**- releasable proteins (6 ... biochemical characterization of the **LpL**-binding site in ... of simple basic repeating **disaccharide** units of ...

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Heparin and heparan sulfate: structure and function

DL Rabenstein - *Natural Product Reports*, 2002 - rsc.org

... more variable, falling in the range 0.2–0.7 O-sulfates/**disaccharide**, as compared to an average of 2.4 sulfates (N- and O-sulfates)/**disaccharide** in **heparin**. ...

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Isolation of heparin-derived oligosaccharides containing 2-O-sulfated hexuronic acids, by ...

N Parthasarathy, IJ Goldberg, P Sivaram, WD Wagner - *Journal of Biochemical and Biophysical Methods*, 1996 - Elsevier

... by coupling bovine milk **LpL** [13] with ... 15] in the presence of **heparin**, previously Nacetylated ... **Disaccharide** composition of LpLbound (³H)oligosaccharides Aliquots ...

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Hgf production accelerator containing heparin-like oligosaccharide

T Nakamura, K Matsumoto, K Fukuta - US Patent App. 10/565,301, 2005 - Google Patents
... blood coagulation activity and **LPL** releasing activity are decreased without depolymerizing **heparin** or heparan ... effective ingredient, a **disaccharide** comprised ...

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[PDF] • Heparin Oligosaccharides: New Analogues Development and Applications

RJ Linhardt, T Toida - Carbohydrates in Drug Design, 1997 - www-heparin.rpi.edu
... that while the major **disaccharide** repeating sequence ... Effect on lipoprotein lipase When **heparin** is administered ... the release of lipoprotein lipase (**LPL**) from the ...

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[CITATION] Lipoprotein lipase binding to endothelial cells: specific protein-protein and protein- ...

IJ Goldberg, P Sivaram, SY Choi, N Parthasarathy, ... - Atherosclerosis X: Proceedings of the 10th International ..., 1995 - Excerpta Medica

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